

ABSTRACT

Offset correction methods and apparatus for a focal plane array. A bolometer array configured in a row and column readout format has dedicated column circuits to
5 measure the resistance of each bolometer in the column. A high speed on-chip analog to digital converter converts the analog sensor signal to a digital representation. Various offset control methods and apparatus are employed to correct the digital representation for variations in individual bolometer response that are not necessarily associated with signals of interest.

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